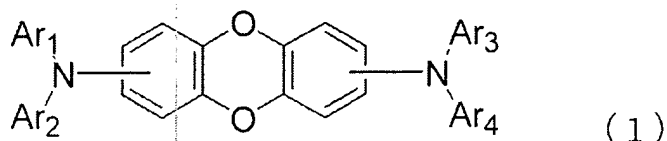


AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** An aminodibenzodioxin ~~derivative~~ compound represented by general formula (1);



wherein Ar₁, Ar₂, Ar₃, and Ar₄ are substituted or unsubstituted aryl groups, and

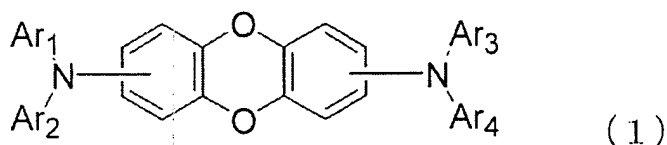
Ar₁, Ar₂, and the nitrogen atom bonded thereto, or Ar₃, Ar₄, and the nitrogen atom bonded thereto, may form a nitrogen-containing heterocyclic ring.

2. **(Currently Amended)** ~~An~~ The aminodibenzodioxin ~~derivative~~ compound as described in claim 1 wherein Ar₁, Ar₂, Ar₃, and Ar₄ are independently any one of phenyl group, naphthyl group, and phenanthryl group, either unsubstituted or substituted with lower alkyl groups, lower alkoxy groups, aryl groups of 4 to 10 carbon atoms, or aryloxy groups of 4 to 10 carbon atoms.

3. **(Currently Amended)** An organic electroluminescent element comprising an anode, organic layers, and a cathode piled one upon another on a substrate and comprising the aminodibenzodioxin ~~derivative~~ compound described in claim 1 ~~or 2~~ in at least one of said organic layers.

4. **(Currently Amended)** ~~An~~ The organic electroluminescent element as described in claim 3 wherein the organic layer comprising the aminodibenzodioxin derivative is selected from the group consisting of the a light-emitting layer, hole-transporting layer, and hole-injecting layer.

5. **(New)** An aminodibenzodioxin compound represented by general formula (1);



wherein Ar₁, Ar₂, Ar₃, and Ar₄ are substituted or unsubstituted aryl groups, and

Ar₁, Ar₂, and the nitrogen atom bonded thereto, or Ar₃, Ar₄, and the nitrogen atom bonded thereto, forms a nitrogen-containing heterocyclic ring selected from the group consisting of substituted or unsubstituted N-carbazolyl, N-phenoxadiny, N-phenothiazinyl and N-β-carbolinyl.

6. (New) The aminodibenzodioxin compound as described in claim 5 wherein Ar₁, Ar₂, Ar₃, and Ar₄ are independently any one of phenyl group, naphthyl group, and phenanthryl group, either unsubstituted or substituted with lower alkyl groups, lower alkoxy groups, aryl groups of 4 to 10 carbon atoms, or aryloxy groups of 4 to 10 carbon atoms.

7. (New) An organic electroluminescent element comprising an anode, organic layers, and a cathode piled one upon another on a substrate and comprising the aminodibenzodioxin compound described in claim 5 in at least one of said organic layers.

8. (New) The organic electroluminescent element as described in claim 7 wherein the organic layer comprising the aminodibenzodioxin derivative is selected from the group consisting of a light-emitting layer, hole-transporting layer, and hole-injecting layer.

9. (New) The aminodibenzodioxin compound as described in claim 5 wherein Ar₁, Ar₂, Ar₃, and Ar₄ are substituted or unsubstituted aryl groups and Ar₁, Ar₂, and the nitrogen atom bonded thereto or Ar₃, Ar₄, and the nitrogen atom bonded thereto, may form a N-carbazolyl ring.